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**From:** Corton, Chris [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E60424CA0E674243B0390979345C066A-CORTON, CHRIS]  
**Sent:** 7/5/2019 7:46:49 PM  
**To:** Lau, Chris [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=dd4494e8927a4d78a5d2b9b20c618d4e-Lau, Chris]; Lang, Johnsie [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b220365e540947f7a7c55cde0904f73e-Lang, Johns]; Chernoff, Neil [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=e2c8b0a1aa0347f7ab9245a7a5f28de1-Chernoff, Neil]  
**CC:** Liu, Jerry [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=040892585c614c92aab59def0f534a19-Liu, Jerry]  
**Subject:** RE: Experiments to carry out in HepaRG cells

See comments below

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**From:** Lau, Chris  
**Sent:** Wednesday, July 03, 2019 4:05 PM  
**To:** Corton, Chris <Corton.Chris@epa.gov>; Lang, Johnsie <lang.johnsie@epa.gov>; Chernoff, Neil <Chernoff.Neil@epa.gov>  
**Cc:** Liu, Jerry <liu.jerry@epa.gov>  
**Subject:** RE: Experiments to carry out in HepaRG cells

Off the top, we can provide PFOS and PFOA, but GenX, PFOMAA and BP2 will have to come from Mark's lab or purchase commercially.

**Neil, can you provide?**

I would suggest to recruit Mark into this project now that Johnsie is gone.

**I will try but Mark seems to be tapped out.**

I need to look at the BP2 mouse data to extrapolate in vitro concentrations. What vehicle would you propose for all chemicals?

**Not sure actually. I think Johnsie suggested either water or water/ethanol mixture. What do you guys recommend?**

I need to be clue in for the Ditch study a little more.

**You will have to get the details from Neil but it is a comparison of the effects of water from around the chemours plant with control ditches from around cary.**

We have to wrap this work into Neil/Johnsie's project.

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**From:** Corton, Chris  
**Sent:** Wednesday, July 03, 2019 2:49 PM  
**To:** Lang, Johnsie <lang.johnsie@epa.gov>; Chernoff, Neil <Chernoff.Neil@epa.gov>  
**Cc:** Lau, Chris <Lau.Christopher@epa.gov>; Liu, Jerry <liu.jerry@epa.gov>  
**Subject:** Experiments to carry out in HepaRG cells

Hi All. We need your feedback on the proposed studies.

# Ex. 5 Deliberative Process (DP)

Can you guys give us the chemicals for the work? We will need BP2, PFOA, PFOS, GenX, PFMOAA.

Sound like a good plan?

Thanks

jcc